

- 42 -

ABSTRACT OF THE DISCLOSURE

An apparatus and a method for controlling an automotive vehicle are disclosed, in which a control amount for securing safety of the vehicle and the control amount for achieving a state intended for by the driver of the vehicle are switched in such a manner as to reduce the shock due to the change in the torque generated from the power train, thereby accomplishing both safety and maneuverability at the same time. A first target value is set for controlling at least selected one of the driving torque, the driving force and the acceleration/deceleration rate. A second target value is calculated in accordance with the drive mode intended for by the driver or the driving environment ahead of the vehicle. In the case where a deviation exceeding a predetermined value develops between the first target value and the second target value, the fluctuations of at least one of the driving torque, the driving force and the acceleration/deceleration rate are suppressed.